VIMCOM AG

Dorfstrasse 55 CH-8103 Unterengstringen Phone +41 44 751 77 00 Fax +41 44 751 77 10 Mail info@vimcom.ch Internet www.vimcom.ch



MODEL 86B	SPECIFICATIONS	
MOUNT TYPE	Roof-mounted universal antenna base with built-in active GPS and E-GSM / GPRS antennas * NON-CORROSIVE * WATER PROOF * LOW PROFILE DESIGN * BOLT-ON TYPE * TILTABLE (30° IN ALL DIRECTIONS)	
Built-in antennas: ANTENNA TYPE POLARISATION FREQUENCY IMPEDANCE GAIN NOISE FIG. POWER SUPPLY VSWR	GPS: Active ceramic patch RHC 1575.42 MHz MHz Nom. 50 Ω Nom. 26 dB Typ. 1.35 dB 3 – 5,5 VDC (20 mA) < 1: 2.0	E-GSM / GPRS: Stripline Linear 870-960 + 1710-1880 Nom. 50 Ω 0 / 0 dB - < 1 : 2.0
External antenna: IMPEDANCE FREQUENCY	Nom. 50 Ω 0-1000 MHz	
TEMPERATURE	-30 to + 70 ° C	
DIMENSIONS	94 x 56 mm (foot-print)	
WEIGHT	Approx. 90 g	
HIGHT ABOVE ROOF BUILD-IN DEPTH	45 mm Approx. 10 mm	
MOUNTING-HOLE	Ø 14 – 22 mm (mounting from inside only)	
MATERIAL	ABS, PE, POM, PTFE, stainless steel and brass	
MOUNTING PLACE	On horizontal surface with free sight to satellites!	
CONNECTION TO ANTENNA WHIP	M5 (internal)	

MODEL	CABLE / CONNECTOR
86B/FME	GPS: 210 mm RG316/U with FME (f) connector (BLUE) E-GSM: 170 mm RG316/U with FME (m) connector (RED)
	External antenna: 130 mm RG316/U with FME (m) connector (BLACK)
86B/Fakra	GPS: 210 mm RG316/U with FAKRA (m) connector (BLUE)
	E-GSM: 170 mm RG316/U with FAKRA (m) connector (RED)
	External antenna: 130 mm RG316/U with FAKRA (m) connector (UNI)





